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PATENT  
Attorney Docket No.: INTEL1310-1 (P14240X)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Chan, et al. Art Unit: 2857  
Application No.: 10/667,004 Examiner: Unassigned  
Filed: September 19, 2003  
Title: CONTROLLED ALIGNMENT OF NANO-BACODES ENCODING  
SPECIFIC INFORMATION FOR SCANNING PROBE MICROSCOPE  
(SPM) READING

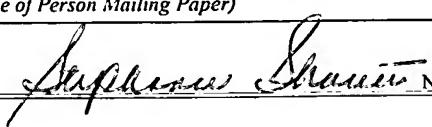
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL SHEET**

Sir:

Transmitted herewith for the above-identified application, please find:

- (1) A Information Disclosure Statement (2 pages);
- (2) A Form PTO-1449 (1 page);
- (3) International Search Report (8 pages);
- (4) Five (5) References; and
- (5) Return postcard.

<b>CERTIFICATION UNDER 37 CFR §1.8</b>	
I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, November 4, 2004, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
Stephanie Sharrett (Name of Person Mailing Paper)	
 November 4, 2004	

In re Application of:  
Chan, et al.  
Application No.: 10/667,004  
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PATENT  
Attorney Docket No.: INTEL1310-1

Applicants do not believe any fees are due in connection with this Information Disclosure Statement. However, if any fees are required, authorization is hereby given to charge Deposit Account No. 50-1355. A duplicate copy of this Transmittal sheet is enclosed.

Respectfully submitted,



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**USPTO CUSTOMER NUMBER 28213**  
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PATENT  
ATTORNEY DOCKET NO. INTEL1310-1 (P14240X)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Chan, et al. Art Unit: 2857  
Serial No.: 10/667,004 Examiner: Unassigned  
Filed: September 19, 2003  
Title: CONTROLLED ALIGNMENT OF NANO-BARCODES ENCODING SPECIFIC INFORMATION FOR SCANNING PROBE MICROSCOPY (SPM) READING

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and Items G, H, I, J, and K are provided herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on November 14, 2004, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Stephanie Sharrett*  
Stephanie Sharrett

In Re Application of:

Chan, et al.

Application Serial No.: 10/667,004

Filed: September 19, 2003

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Attorney Docket No.: INTEL1310-1 (P14240X)

This Information Disclosure Statement is being filed before the mailing date of the first office action on the merits. Each item contained herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. Therefore, no fee is due, and Applicants do not believe any other fees are due in connection with this submission. However, the Commissioner is hereby authorized to charge any amounts required by this filing, or credit any overpayment, to Deposit Account No. 50-1355.

Respectfully submitted,

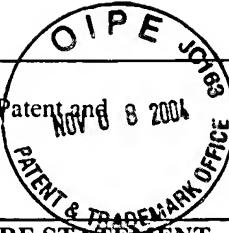


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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Docket No. INTEL1310-1 (P14240X)	Serial No.: 10/667,004
Applicant(s): Chan, et al.			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date: September 19, 2003	Group Art Unit: 2857



### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	A	3,772,200	11/13/73	R. G. Livesay	252		
	B	4,053,433	10/11/77	Pui Kum Lee	252	408	
	C	5,451,505	9/19/95	Gavin D. Dollinger	435	6	
	D	5,538,898	7/23/96	Wickramasinghe, et al.	436	94	
	E	6,432,715	8/13/02	Nelson, et al.	435	56	
	F	6,537,755	3/25/03	Radoje T. Drmanac	435	6	

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)
	G	WO97/15390	5/1/97	PCT			

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

H	Blondel, et al., "Giant Magnetoresistance of Nanowires of Multilayers", <i>Am Inst of Phys.</i> 65(23):3018-3021, (December 5, 1994)
I	Martin, et al., "Orthogonal Self-Assembly on Colloidal Gold-Platinum Nanorods", <i>Adv Mat.</i> 11(12):1021-1025, (1999)
J	Martin, Charles, "Membrane-Based Synthesis of Nanomaterials", <i>Chem. Mater.</i> 8:1739-1746, (1996)
K	Piraux, et al., "Giant Magnetoresistance in Magnetic Multilayered Nanowires", <i>Appl. Phys. Lett.</i> 65(19):2484-2486, (1994).

EXAMINER	DATE CONSIDERED
GT\6421238.1 1090132-33	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.